

08/953719

| APPLICATION AS FILED - PART I                     |   |              | SMALL ENTITY |          | OTHER THAN SMALL ENTITY |          |
|---|---|--------------|--------------|----------|-------------------------|----------|
| (Column 1)  | (Column 2)  |              | RATE (\$)    | FEE (\$) | RATE (\$)               | FEE (\$) |
| FOR   | NUMBER FILED  | NUMBER EXTRA | N/A          |          | N/A                     |          |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))        | N/A   | N/A          | N/A          |          | N/A                     |          |
| SEARCH FEE<br>(37 CFR 1.16(k), (l), or (m))       | N/A   | N/A          | N/A          |          | N/A                     |          |
| EXAMINATION FEE<br>(37 CFR 1.16(n))               |   |              |              |          |                         |          |
| TOTAL CLAIMS<br>ENTERED                           |   |              |              |          |                         |          |
| DEPENDENT<br>CLAIMS ENTERED                       |   |              |              |          |                         |          |
| APPLICATION SIZE<br>FEE<br>(37 CFR 1.16(s))       | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |              |          |                         |          |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) |   |              | N/A          |          | N/A                     |          |

  

| APPLICATION AS AMENDED - PART II                                |                                       |                                    |               |                 | SMALL ENTITY |                     | OTHER THAN SMALL ENTITY |                     |
|---|---------------------------------------|------------------------------------|---------------|-----------------|--------------|---------------------|-------------------------|---------------------|
| (Column 1)  | (Column 2)                            | (Column 3)                         |               |                 | RATE (\$)    | ADDITIONAL FEE (\$) | RATE (\$)               | ADDITIONAL FEE (\$) |
| AMENDMENT 8   | CLAIMS REMAINING AFTER AMENDMENT      | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |                 |              |                     |                         |                     |
|   | Total (37 CFR 1.16(i))                | 40                                 | 46            | =               | X            |                     | X                       |                     |
|   | Independent (37 CFR 1.16(h))          | 6                                  | 4             | =               | X            |                     | X                       |                     |
|   | Application Size Fee (37 CFR 1.16(s)) |                                    |               |                 |              |                     |                         |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                       |                                    |               |                 | N/A          |                     | N/A                     |                     |
|   |                                       |                                    |               | TOTAL ADD'L FEE |              | TOTAL ADD'L FEE     | 168.00                  |                     |

  

| (Column 1)  | (Column 2)                            | (Column 3)                         |               |                 | RATE (\$) | ADDITIONAL FEE (\$) | RATE (\$) | ADDITIONAL FEE (\$) |
|---|---------------------------------------|------------------------------------|---------------|-----------------|-----------|---------------------|-----------|---------------------|
| AMENDMENT 9   | CLAIMS REMAINING AFTER AMENDMENT      | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |                 |           |                     |           |                     |
|   | Total (37 CFR 1.16(i))                |                                    |               | =               | X         |                     | X         |                     |
|   | Independent (37 CFR 1.16(h))          |                                    |               | =               | X         |                     | X         |                     |
|   | Application Size Fee (37 CFR 1.16(s)) |                                    |               |                 |           |                     |           |                     |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                       |                                    |               |                 | N/A       |                     | N/A       |                     |
|   |                                       |                                    |               | TOTAL ADD'L FEE |           | TOTAL ADD'L FEE     |           |                     |

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This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS: SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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| APPLICATION AS FILED - PART I                     |   |              | SMALL ENTITY |          | OTHER THAN SMALL ENTITY |          |
|---|---|--------------|--------------|----------|-------------------------|----------|
| (Column 1)  | (Column 2)  |              | RATE (\$)    | FEE (\$) | RATE (\$)               | FEE (\$) |
| FOR   | NUMBER FILED  | NUMBER EXTRA |              |          |                         |          |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))        | N/A   | N/A          | N/A          |          | N/A                     |          |
| SEARCH FEE<br>(37 CFR 1.16(k), (l), or (m))       | N/A   | N/A          | N/A          |          | N/A                     |          |
| EXAMINATION FEE<br>(37 CFR 1.16(n))               |   |              |              |          |                         |          |
| TOTAL CLAIMS<br>(37 CFR 1.16)                     |   |              |              |          |                         |          |
| DEPENDENT CLAIMS<br>(37 CFR 1.16)                 |   |              |              |          |                         |          |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))          | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |              |          |                         |          |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) |   |              | N/A          |          | N/A                     |          |

| APPLICATION AS AMENDED - PART II |   |                                  |                                    |               |   | SMALL ENTITY    |                     | OTHER THAN SMALL ENTITY |                     |
|----------------------------------|---|----------------------------------|------------------------------------|---------------|---|-----------------|---------------------|-------------------------|---------------------|
|                                  | (Column 1)  | (Column 2)                       | (Column 3)                         |               |   | RATE (\$)       | ADDITIONAL FEE (\$) | RATE (\$)               | ADDITIONAL FEE (\$) |
| AMENDMENT                        |   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |   |                 |                     |                         |                     |
|                                  | Total (37 CFR 1.16(s))  | 37                               | Minus                              | 46            | = | X               | =                   | X                       | =                   |
|                                  | Independent (37 CFR 1.16(h))                                    | 3                                | Minus                              | 4             | = | X               | =                   | X                       | =                   |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |                                  |                                    |               |   |                 |                     |                         |                     |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                  |                                    |               |   | N/A             |                     | N/A                     |                     |
|                                  |   |                                  |                                    |               |   | TOTAL ADD'L FEE |                     | TOTAL ADD'L FEE         |                     |
| AMENDMENT                        |   | CLAIMS REMAINING AFTER AMENDMENT | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |   |                 |                     |                         |                     |
|                                  | Total (37 CFR 1.16(s))  | 37                               | Minus                              | 46            | = | X               | =                   | X                       | =                   |
|                                  | Independent (37 CFR 1.16(h))                                    | 3                                | Minus                              | 4             | = | X               | =                   | X                       | =                   |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |                                  |                                    |               |   |                 |                     |                         |                     |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |                                  |                                    |               |   | N/A             |                     | N/A                     |                     |
|                                  |   |                                  |                                    |               |   | TOTAL ADD'L FEE |                     | TOTAL ADD'L FEE         |                     |

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| APPLICATION AS FILED - PART I                     |   |                            | SMALL ENTITY |          | OTHER THAN SMALL ENTITY |          |
|---|---|----------------------------|--------------|----------|-------------------------|----------|
| FOR   | (Column 1)<br>NUMBER FILED  | (Column 2)<br>NUMBER EXTRA | RATE (\$)    | FEE (\$) | RATE (\$)               | FEE (\$) |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))        | N/A   | N/A                        | N/A          |          | N/A                     |          |
| SEARCH FEE<br>(37 CFR 1.16(h), (i), or (m))       | N/A   | N/A                        | N/A          |          | N/A                     |          |
| EXAMINATION FEE<br>(37 CFR 1.16(j))               | N/A   | N/A                        | N/A          |          | N/A                     |          |
| TOTAL CLAIMS<br>ENTERED                           |   |                            |              |          |                         |          |
| DEPENDENT<br>CLAIMS ENTERED                       |   |                            |              |          |                         |          |
| APPLICATION SIZE<br>FEE<br>(37 CFR 1.16(s))       | If the SPECIFICATION AND CLAIMS exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                            |              |          |                         |          |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) |   |                            | N/A          |          | N/A                     |          |

| APPLICATION AS AMENDED - PART II |   |  |                             |           |                     | SMALL ENTITY    |                     | OTHER THAN SMALL ENTITY |  |
|----------------------------------|---|--|-----------------------------|-----------|---------------------|-----------------|---------------------|-------------------------|--|
|                                  | (Column 1)<br>CLAIMS REMAINING AFTER AMENDMENT                  | (Column 2)<br>HIGHEST NUMBER PREVIOUSLY PAID FOR | (Column 3)<br>PRESENT EXTRA | RATE (\$) | ADDITIONAL FEE (\$) | RATE (\$)       | ADDITIONAL FEE (\$) |                         |  |
| AMENDMENT 1<br>4/9/01            | Total<br>(37 CFR 1.16(i))                                       | 44   | 46                          | X         | =                   | X               | =                   |                         |  |
|                                  | Independent<br>(37 CFR 1.16(h))                                 | 4  | 4                           | X         | =                   | X               | =                   |                         |  |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |  |                             |           |                     |                 |                     |                         |  |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |  |                             | N/A       |                     | N/A             |                     |                         |  |
| TOTAL ADD'L FEE                  |   |  |                             |           |                     | TOTAL ADD'L FEE |                     |                         |  |
| AMENDMENT 2<br>11/13/01          | Total<br>(37 CFR 1.16(i))                                       | 44   | 46                          | X         | =                   | X               | =                   |                         |  |
|                                  | Independent<br>(37 CFR 1.16(h))                                 | 4  | 4                           | X         | =                   | X               | =                   |                         |  |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |  |                             |           |                     |                 |                     |                         |  |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |  |                             | N/A       |                     | N/A             |                     |                         |  |
| TOTAL ADD'L FEE                  |   |  |                             |           |                     | TOTAL ADD'L FEE |                     |                         |  |

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|---|---|--------------|--------------|----------|-------------------------|----------|
|   | (Column 1)  | (Column 2)   |              |          |                         |          |
| FOR   | NUMBER FILED  | NUMBER EXTRA | RATE (\$)    | FEE (\$) | RATE (\$)               | FEE (\$) |
| BASIC FEE<br>(37 CFR 1.16(a), (b), or (c))        | N/A   | N/A          | N/A          |          | N/A                     |          |
| SEARCH FEE<br>(37 CFR 1.16(k), (l), or (m))       | N/A   | N/A          | N/A          |          | N/A                     |          |
| EXAMINATION FEE<br>(37 CFR 1.16(n))               |   |              |              |          |                         |          |
| TOTAL CLAIMS<br>(37 CFR 1.16(s))                  | 37  |              |              |          |                         |          |
| INDEPENDENT CLAIMS<br>(37 CFR 1.16(h))            | 2   |              |              |          |                         |          |
| APPLICATION SIZE FEE<br>(37 CFR 1.16(s))          | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |              |              |          |                         |          |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j)) |   |              | N/A          |          | N/A                     |          |

| APPLICATION AS AMENDED - PART II |   |            |                                    |               | SMALL ENTITY |                     | OTHER THAN SMALL ENTITY |                     |
|----------------------------------|---|------------|------------------------------------|---------------|--------------|---------------------|-------------------------|---------------------|
|                                  | (Column 1)  | (Column 2) | (Column 3)                         |               |              |                     |                         |                     |
| AMENDMENT                        | CLAIMS REMAINING AFTER AMENDMENT                                |            | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$)    | ADDITIONAL FEE (\$) | RATE (\$)               | ADDITIONAL FEE (\$) |
|                                  | Total (37 CFR 1.16(i))  | 48         | Minus                              | 37            | =            | 9                   | 18                      | = 162.00            |
|                                  | Independent (37 CFR 1.16(h))                                    | 4          | Minus                              | 3             | =            | 1                   | 78                      | = 78.00             |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |            |                                    |               |              |                     |                         |                     |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |            |                                    |               |              |                     |                         |                     |
| TOTAL ADD'L FEE                  |   |            |                                    |               |              |                     | TOTAL ADD'L FEE 240.00  |                     |
| AMENDMENT                        | CLAIMS REMAINING AFTER AMENDMENT                                |            | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE (\$)    | ADDITIONAL FEE (\$) | RATE (\$)               | ADDITIONAL FEE (\$) |
|                                  | Total (37 CFR 1.16(i))  | 46         | Minus                              | 46            | =            | 0                   | X                       | =                   |
|                                  | Independent (37 CFR 1.16(h))                                    | 4          | Minus                              | 4             | =            | 0                   | X                       | =                   |
|                                  | Application Size Fee (37 CFR 1.16(s))                           |            |                                    |               |              |                     |                         |                     |
|                                  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j)) |            |                                    |               |              |                     |                         |                     |
| TOTAL ADD'L FEE                  |   |            |                                    |               |              |                     | TOTAL ADD'L FEE         |                     |

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